

Active Recombinant Human ANGPTL3 protein, His-tagged

Cat. No. ANGPTL3-555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANGPTL3 (Q9Y5C1) partial recombinant protein with His tag expressed in CHO cells.
Species	Human
Source	Hamster
Description	This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2. [provided by RefSeq, Aug 2015]
Form	Lyophilized
Bio-activity	Measured by its binding ability to recombinant alpha-v beta-3 integrin in a functional ELISA.
Molecular Mass	62 kDa
AA Sequence	SRIDQDNSSFDSLSPKSRFAMLDDVKILANGLLQLGHGLKDFVHKTKGQINDIFQK LNIFDQSFYDLSQLTSEIKKEEKELRRTTYKLQVKNEEVKNMSLELNSKLESLEEKIL LQQKVKYLEEQLTNLIQNQPETPEHPEVTSKTFVEKQDNSIKDLLQTVEDQYKQLN QQHSQIKEIENQLRRTSIQEPTEISLSSKPRAPRTTPFLQLNEIRNVKHDGIPAECTTIY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLIQHRIDGSQNFNETWENYKYGF
 GRLDGEFWLGLEKIYSIVKQSNYVLRIELEDWKDNKHYIEYSFYLGNHETNYTLHLVA
 ITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWHDECGENNLNGKYN
 KPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFEHHHHHHHH

Endotoxin	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
Purity	98%
Applications	Functional Study; SDS-PAGE
Usage	Activity assay SDS-PAGE The optimal working dilution should be determined by the end user.
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	Lyophilized from solutions contain no sodium azide nor carrier protein

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin-like 3 [Homo sapiens]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin-related protein 3; angiopoietin 5; ANG-5; FHBL2;
Gene ID	27329
mRNA Refseq	NM_014495

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_055310
MIM	604774
UniProt ID	Q9Y5C1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA